

## Prepare your strategy today for software success tomorrow...

### *Personal Computer Software Market, 1989-1994*

#### **Current and Prospective Software Vendors:**

- FORECAST your potential market for the next five years efficiently
- EVALUATE the nontraditional software vendors now entering the market and how this trend affects you
- INCREASE YOUR MARKET SHARE by effectively restructuring your software strategy
- DEVELOP your successful software profile based on your customers' real needs, requirements, and criteria
- COMPETE SUCCESSFULLY by assessing your competitors' software strategies
- MAXIMIZE YOUR R & D and customer support strategy by delivering what customers REALLY WANT
- VALIDATE your strategic marketing and development strategies

#### **IS Managers and PC Software Buyers:**

- MAKE THE RIGHT CHOICE by selecting the software that will continue to pay off for you
- GET THE MOST FOR YOUR MONEY by rating current and prospective software vendors
- STAY AHEAD by evaluating how future software trends will benefit you

(Revised from prior brochure)

**Lotus, Ashton-Tate,  
Microsoft, WordPerfect,  
and more...  
are profiled in INPUT's  
*Personal Computer  
Software Market,  
1989-1994 report***

# Information that's CRUCIAL for Software

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- Systems Software by Sub-Delivery Mode
- Applications Software
- Largest Markets
- Growth
- Top Vendors—Market Coverage
- Market Forces
- Market Opportunities
- Processing Services/Professional Services Companies

### Issues and Trends

- Overall Issues—User & Vendor Trends
- Funding Sources
- New Applications and Improvements
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- Software VARs—Alternative Marketing Approaches
- Open Systems Architectures
- Standards
- New Technologies
- Networking Solutions

### Competitive Environment

- Competitive Strategies
- Characteristics/Functionality of Successful PC Software Products
- Software Company Profiles

### Recommendations & Conclusions

Hardware saturation, controversies over standards and operating systems, new competitors (such as nontraditional software vendors), and an increasingly sophisticated user base present formidable challenges for software vendors. The stakes are just as high for personal computer managers and buyers who need a successful software solution that works into the next decade.

Both vendors and users need the right answer now to these urgent questions.

## WHAT'S THE MAJOR TREND IN SOFTWARE DEVELOPMENT?

More-powerful software for standalone systems? Networking PCs with mainframes? Operating system standardization? Networkable solutions for PCs? Validating, assessing, and evaluating current strategies against future trends will optimize your profit and opportunities in the 1990s.

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## Success in the 1990s

### WHAT DO USERS REALLY WANT?

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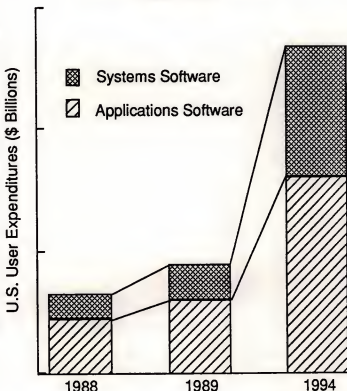
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### WHAT DOES MANAGERS REALLY NEED TO KNOW?

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**Total Personal Computer/Workstation  
Software Expenditures  
1988-1994**



Source: INPUT

Base your development strategy on the actual size of your potential market, as determined by INPUT's market intelligence and in-depth vendor and user interviews.

Available November 1989

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# About INPUT

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INPUT provides planning information, analysis, and recommendations to managers and executives in the information processing industries. Through market research, technology forecasting, and competitive analysis, INPUT supports client management in making informed decisions.

Continuous-information advisory services, proprietary research/consulting, merger/acquisition assistance, and multiclient studies are provided to users and vendors of information systems and services (software, processing services, turnkey systems, systems integration, professional services, communications, and systems/software maintenance and support).

Many of INPUT's professional staff members have more than 20 years' experience in their areas of specialization. Most have held senior management positions in operations, marketing, or planning. This expertise enables INPUT to supply practical solutions to complex business problems.

Formed as a privately held corporation in 1974, INPUT has become a leading international research and consulting firm. Clients include more than 100 of the world's largest and most technically advanced companies.

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## *Personal Computer Software Market, 1989-1994*

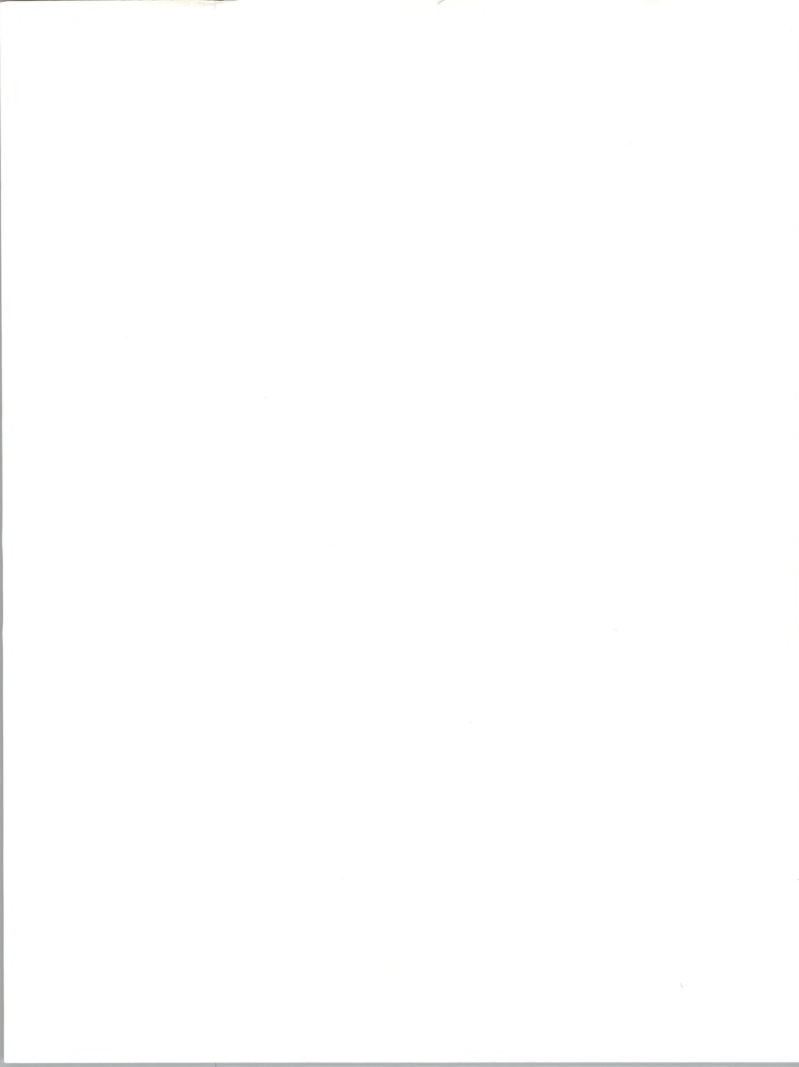
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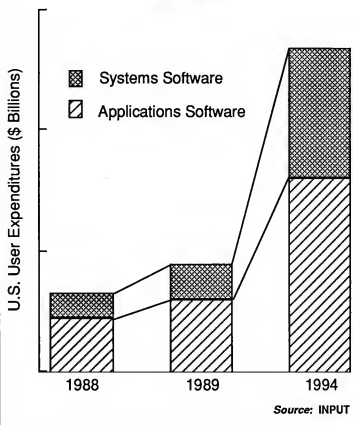
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Table 1. Mean (SD) age, height, weight, and body mass index (BMI) of the 100 children in the sample

Measure	Mean (SD)
Age (years)	10.2 (0.5)
Height (cm)	145.2 (10.1)
Weight (kg)	38.5 (10.2)
BMI (kg m <sup>-2</sup> )	18.6 (3.2)

children were asked to perform a series of tasks designed to assess their understanding of the concept of a 'fair' distribution of resources. The tasks were designed to be challenging and to require the children to think about the concept of 'fair' in a way that was not obvious to them.

The first task was a simple one: the children were asked to divide a set of 100 coins into two equal groups. The second task was more complex: the children were asked to divide a set of 100 coins into three equal groups. The third task was the most complex: the children were asked to divide a set of 100 coins into four equal groups.

The children were then asked to explain their reasoning for the way they divided the coins. The children's responses were then coded for the presence of 'fair' and 'unfair' reasoning. The children's responses were then used to calculate a 'fairness score' for each child.

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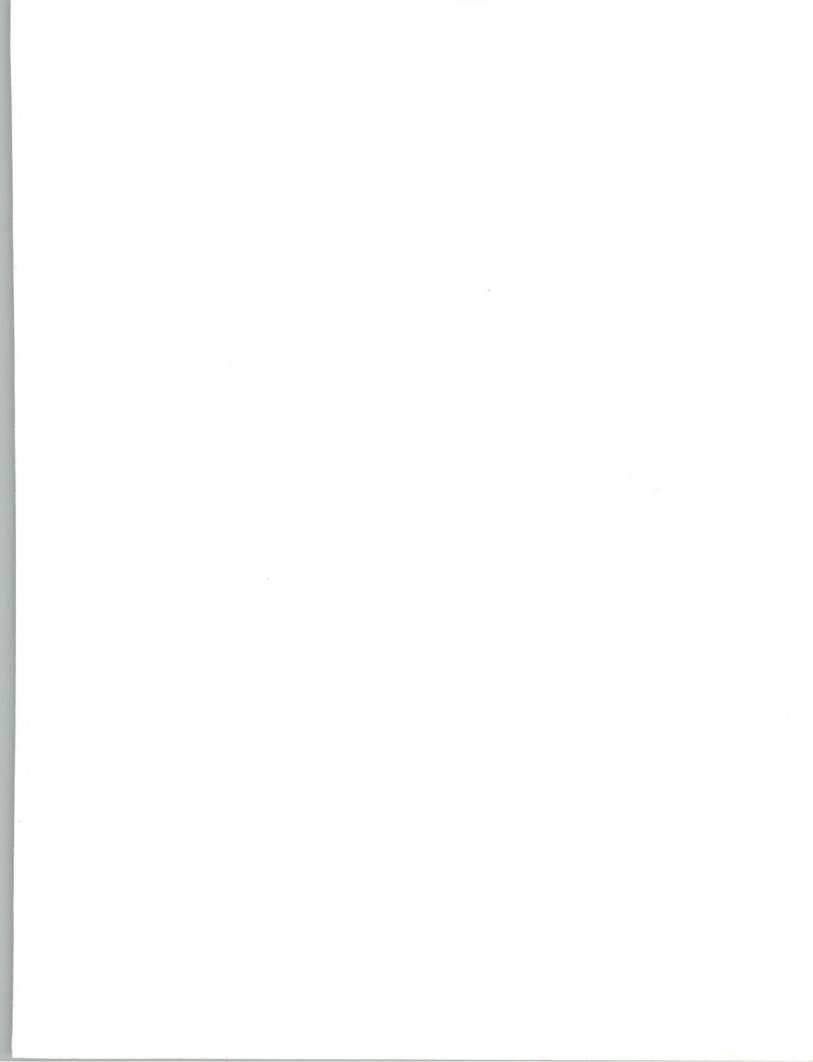
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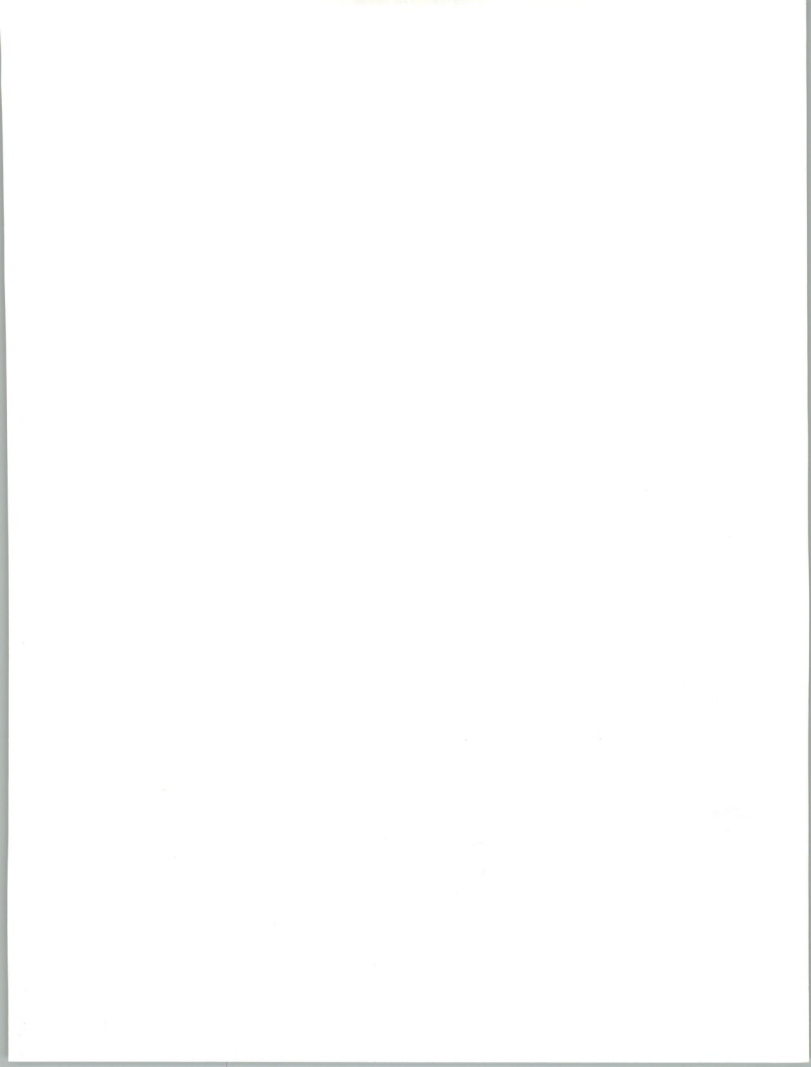
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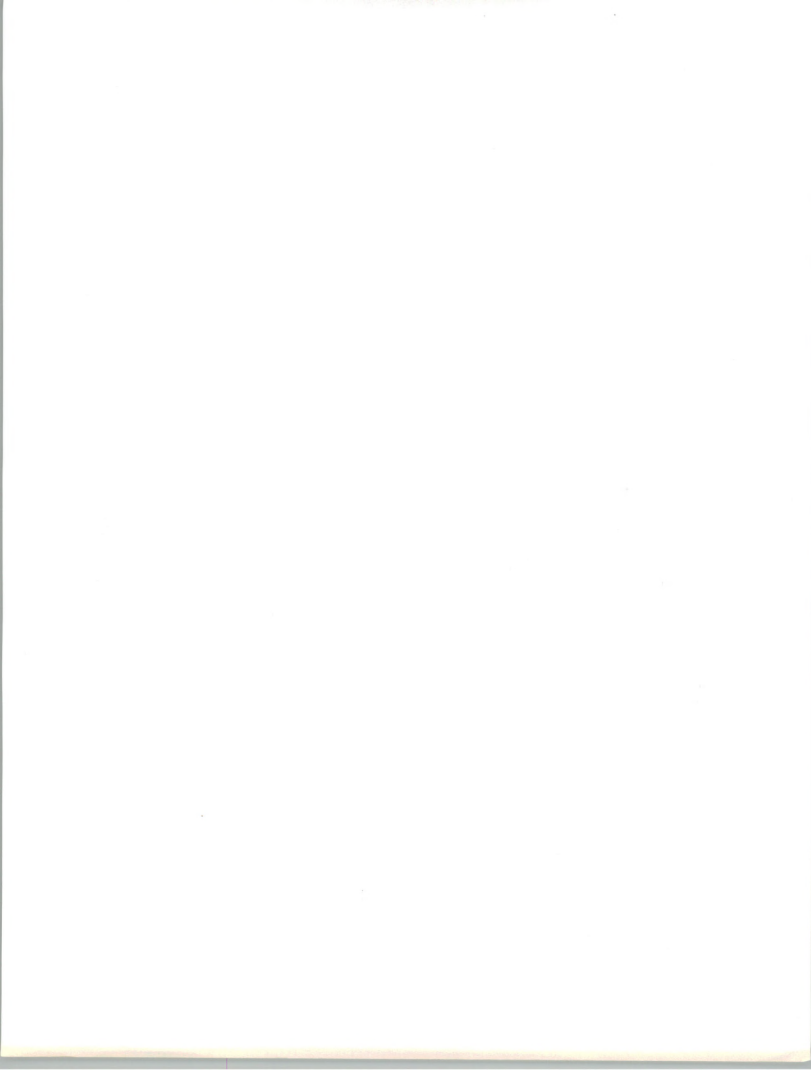
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## *Prepare your strategy today for software success tomorrow...*

The personal computer software products market has been for several years the fastest growing segment of the U.S. Information Services Industry. INPUT's forecast for the next five years calls for this dynamic market to retain its momentum, despite a number of dampening influences.

The just-completed, *Personal Computer Software Market, 1989-1994* report, focuses on the reasons behind this growth, identifies product characteristics and support services required by users, describes vendors' support and product strategies and discusses the implications and opportunities for vendors of software products.

To receive your copy of this pivotal report, please mail or fax the enclosed order form, or call INPUT at (415) 961-3300.

Best regards,



Robert L. Goodwin  
Vice President

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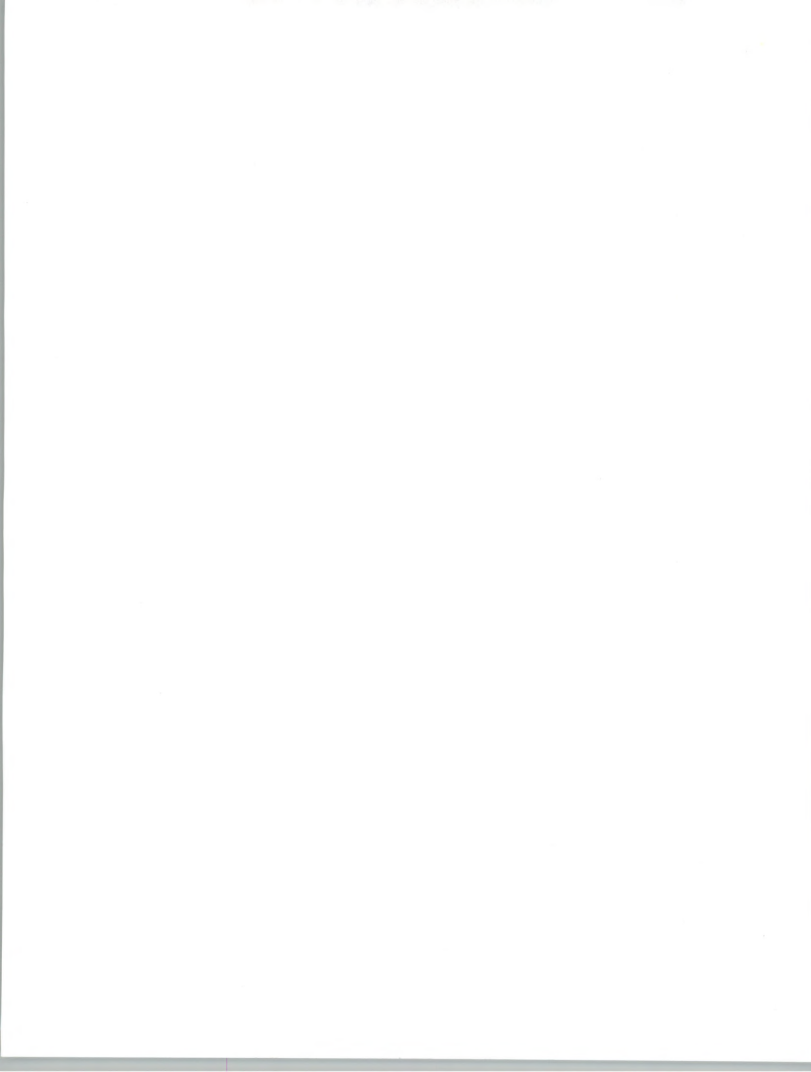
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Best regards,



Robert L. Goodwin  
Vice President



## **PERSONAL COMPUTER SOFTWARE REPORT, 1989 - 1994**

Many studies and reports have been produced in recent months that examine the "hypothetical" personal computer user and his future requirements. In Personal Computer Software 1989 - 1994, INPUT places emphasis on the perceptions and real needs of the end users and emerging technologies based on vendor and users interviews. The report reviews and analyzes the issues, trends, and market forecasts of the personal computer software market in three areas: 1) System software, 2) cross-industry applications software, and 3) industry specific applications software.

The future direction of software markets is to networking solutions involving transparent sharing of software processing among PC/workstations, minicomputers, and mainframes. Many of the applications currently running on mainframes will be run on workstations under a distributed processing model. Minis and mainframes will be used increasingly for communications/database applications within the distributed model.

With the lowered cost of the personal computer and its availability to the individual in the work environment and at home for personal use, there is a need for software that will fulfill the needs of both of these types of use. Software to run the systems and the applications has become paramount to the success of the personal computer.

## **PERSONAL COMPUTER SOFTWARE REPORT, 1989 - 1994**

Based on experience and leadership in projecting and forecasting the information services market, INPUT is producing the Personal Computer Software Report, 1989 - 1994 to explore and discuss the major forces driving the personal computer software market. Through interviews with personal computer users and software vendors, the study will:

- Forecast the personal computer software market size and growth from 1989 to 1994.

- Identify the drivers and inhibitors that will influence this market.

- Examine the current installed configurations of personal computers and user plans for future installations.

- Leading vendors in the personal computer software market are identified and examined in the report.

- Vendor offerings and user requirements are identified and compared.



Vendor and user issues and concerns regarding personal computer software are identified and examined.

Vendor strategies in product and support areas as well as recommendations for the profile of a successful software product are discussed.

YOU SHOULD READ THIS REPORT IF YOU ARE:

A Software Vendor:

Participating in or considering entering the personal computer software market.

Responsible for personal computer software strategy development.

Responsible for personal computer software market development.

A Major Personal Computer User or Buyer:

Interested in gaining a better understanding of vendor personal computer software development plans.

Interested in examining potential personal computer software service and support offerings.

TOTAL PERSONAL COMPUTER / WORKSTATION SOFTWARE EXPENDITURES  
1988-1994

Overall CAGR (1989-1994) = 25%

User Expenditures (the vertical measurement) in \$ Billions  
(bar chart)

segment	1988	1989	1994	CAGR (89-94)
Application S/W	4.6	6.1	17.7	24%
Systems S/W	2.1	2.9	9.9	28%
Total PC S/W	6.7	9.0	27.5	25%



## Personal Computer Installed Configuration

two pie charts side-by-side showing the following pictures

1988

standalone	58%
linked to mainframe	23%
linked to other PCs	19%

1989

standalone	39%
linked to mainframe	25%
linked to other PCs	36%

## **PERSONAL COMPUTER SOFTWARE REPORT, 1989 - 1994**

### Table of Contents

Introduction

Executive Summary

Market Size and Forecasts

Issues and Trends

Competitive Environment

Recommendations

Conclusions





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PAGES: 1 of 5

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URGENT YES ☐ NO ☒

CHARGE CODE: MPCS

COMMENTS:

Sheila:

Here are Tom's comments/corrections to the brochure. It looks good, That's the benefit of having a Marketing person write the brochure, rather than a research person.

Joanne

EDS.GM-McDonnell Douglas  
CSI. and more... profiled in  
INPUTS (Name) report

# INPUT <sup>(1)</sup>

Prepare your strategy today for  
software success in the '90s *tomorrow*

## Personal Computer Software *Market* Report, 1989-1994

*Current & prospective*

Software Vendors: *P.D.*

■ ACCURATELY FORECAST your potential market for the next five years *efficiently*

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*EVALUATE the non-trad.*

*SW Vendors now entering the market & how the trend affects you.*

*VALIDATE your strategic marketing & dev. strategies*

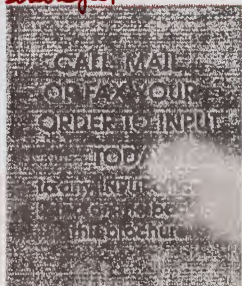
*PC software*

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■ GET THE MOST FOR YOUR MONEY by rating your vendors. *current &*

■ STAY AHEAD by evaluating how *future* software developments will benefit you. *trends*



① Validating, assessing,  
& evaluating your  
current strategies  
against future trend  
will optimize your  
profit & opportunity  
in the 1990's

# Information That's CRUCIAL for Software

*(a based on primary research. This provides you with the strategic*

INPUT's Personal Computer Software Report gives you the information you need most to succeed in the 1990's. ~~Developers who back the wrong strategy may not survive the rapidly changing market of the 1990's. 1995 Managers and buyers who choose today's software without understanding tomorrow's needs risk significant losses to more knowledgeable competitors.~~

Hardware saturation; controversies over standards and operating systems; new competitors; and an increasingly sophisticated user base present formidable challenges for software vendors. The stakes are just as high for personal computer managers and buyers who need a successful software solution that works into the next decade.

Both vendors and users need the right answer now to these urgent questions.

## Personal Computer Software Report 1989-1994

### Market Size and Forecasts

- Overall Market 1989-1994
- Systems Software by Sub-Delivery Mode
- Applications Software
- Largest Markets
- Growth
- Top Vendors—Market Coverage
- Market Forces
- Market Opportunities
- Processing Services/Professional Services Companies

### Issues and Trends

- Overall Issues—User & Vendor Trends
- Funding Sources
- New Applications and Improvements
- Total Solutions / Bundled Marketing
- Entry of Service Companies Into the Software Market
- Impact of Large Computer Systems Vendors on the PC Market
- Software VARS—Alternative Marketing Approaches
- Open Systems Architectures
- Standards
- New Technologies
- Networking Solutions

### Competitive Environment

- Competitive Strategies
- Characteristics/Functionality of Successful PC Software Products.
- Software Company Profiles

## WHAT'S THE MAJOR TREND IN SOFTWARE DEVELOPMENT?

More powerful software for stand-alone systems? Networking PC's with mainframes? Operating system standardization? Networkable solutions for PC's? The right answers can set your marketing and R & D development strategies on the path to success in the 1990's. Development based on inaccurate assumptions about market trends can result in costly detours that could have catastrophic consequences for you and your company. ①

## WHAT INGREDIENTS MAKE A SUCCESSFUL SOFTWARE PACKAGE?

INPUT's Personal Computer Report provides you with the recipe for success. The SUCCESSFUL SOFTWARE PROFILE, based on exhaustive research and user interviews, gives you a comprehensive, detailed analysis of each of the components that make software packages succeed.

*thorough*

**We've Got the Answers!**

**INPUT'S Personal Computer Software Report, 1989-1994:**

Strategic Information you need TODAY for Software Success Tomorrow

*see Conclusion*

(2) Vendors & planners  
need to know how the  
potential market share  
of systems SW, applic. SW,  
& total PC SW affects  
your strategies.



# Success in the 1990s

## WHAT DO USERS REALLY WANT?

INPUT interviewed users ~~extensively~~ to determine what they really want from their software vendors. Major personal computer software buyers rated their needs in order of importance. These include transportability, software characteristics, ease of use, vendor reputation, and IBM compatibility. INPUT's Personal Computer Software Report reveals which of these requirements is really the most important.

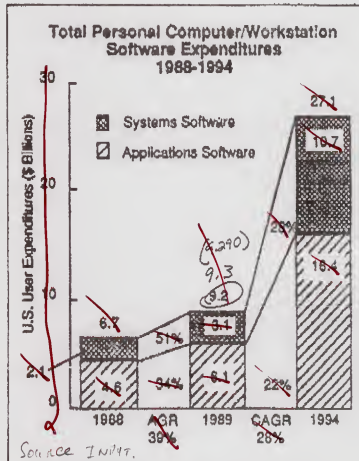
## WHAT'S THE ACTUAL SIZE OF YOUR POTENTIAL MARKET?

Vendors need to base effective strategies on an accurate assessment of their market. INPUT determined the actual size of the potential market through comprehensive user and vendor interviews and in-depth market intelligence.

~~2. Developers may be in for a surprise about the potential market share of systems software, applications software, and total P/C software.~~  
 Software Planner.

## WHAT DO MIS MANAGERS REALLY NEED TO KNOW?

INPUT's Personal Computer Software Report gives ratings and evaluations of software and vendors from the user's point of view. INPUT demonstrates how you can weigh all the criteria, including vendor stability, operating system compatibility, technical support, and software characteristics—and come up with the winning software solution for you.



Base your development strategy on the actual size of your potential market, as determined by INPUT's market intelligence, and in-depth vendor and user interviews.

**Available November 1989**  
 Call, mail, or fax your order for INPUT at any office listed on the back of this brochure.





(4)

# About INPUT

INPUT provides planning information, analysis, and recommendations to managers and executives in the information processing industries. Through market research, technology forecasting, and competitive analysis, INPUT supports client management in making informed decisions.

Continuous-information advisory services, proprietary research/consulting, merger/acquisition assistance, and multiclient studies are provided to users and vendors of information systems and services (software, processing services, turnkey systems, systems integration, professional services, communications, systems/software maintenance and support).

Many of INPUT's professional staff members have more than 20 years' experience in their areas of specialization. Most have held senior management positions in operations, marketing, or planning. This expertise enables INPUT to supply practical solutions to complex business problems.

Formed as a privately held corporation in 1974, INPUT has become a leading international research and consulting firm. Clients include more than 100 of the world's largest and most technically advanced companies.

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# Prepare your strategy today for software success in the '90s...

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INPUT's Research Studies

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*Personal Computer Software Markets, 1989-1994*  
report at the fee of \$2,500.

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☐ Bill my company on purchase order number \_\_\_\_\_ in the amount of \$\_\_\_\_\_.

*California clients: Please add applicable sales tax on 70% of purchase price.*

*Connecticut clients: Please add 8% sales tax on the total amount.*

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The information provided shall be used only by the employees of and within the current corporate structure of the client and will not be disclosed to any other organization or person including parent, subsidiary, or affiliated organizations without written consent of INPUT. INPUT exercises its best efforts in preparation of the information provided under this Agreement and believes the information contained therein to be accurate. However, INPUT shall have no liability for any loss or expense that may result from incompleteness or inaccuracy of the information provided. INPUT reserves the right to change or modify the content of the program in response to changing client requirements.

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